BT4500

REFRIGERATED REAGENT BAY

TECHNICAL SPECIFICATIONS

THROUGHPUT up to 450 Tests/hr Chemical Chemistry; up to 690Test/h with I.S.E I.S.E. MODULE Direct potentiometry Serum and diluted Urine 40+40 Total NUMBER OF REAGENTS

Yes

REACTION VOLUME from 180 to 400 µl SAMPLE VOLUME from 1,5 to 200µl

READING CUVETTES 84 non-disposable optical glass SAMPLING ARMS I for Serum , 2 for Reagents SAMPLES TRAY 4 Sectors of 25 Samples each

STD & CONTROLS TRAY 26 Calibrator & Controls positions, Refrigerated

TEST MODES Sequential Access, Batch, STAT TEST DIRECTORY Up to 500 + Relation Test Dry Control OFF/37°C (± 0.2° C) CUVETTE TEMP. VACUUM PUMP On board Vacuum System

PHOTOMETER Solid State, up to 14 Channel 348-800 nm

ABSORBANCE RANGE 0 **-** 3 Abs. PHOTOMETER SENSITIVITY ± 0.00 | Abs.

DILUTER I x 220 μl, 2 x 470 μl (Long Life Ceramic)

DILUTER PRECISION

DILUTER RESOLUTION $\pm~0.1~\mu l$ for serum ; $\pm~1~\mu l$ for reagents BAR CODE Internal: for Reagents & Samples

CLOT SENSOR CRASH SENSOR YES COMPUTER External PC. **PERIPHERALS** Inkjet Printer & UPS

INTERFACE USB = RS232 Bidirectional + TCP/IP OC PROGRAM 3 Known Levels, 3 Unknown Levels

MAINTENANCE

Universal input 100/240 Volt, 50-60 Hz, 400 Watt, PFC POWER SUPPLY

U.P.S. 1500 Walt

DIMENSIONS 127 cm (W) - 77 cm (D) - 119 cm (H)

162 Kg WEIGHT

TECHNICAL SPECIFICATIONS EXTERNAL PC

OPERATIVE SYSTEM: Windows® 7/8 Professional COMPUTER: IBM compatible

PROCESSOR: Intel® Pentium Dual core duo

RAM:

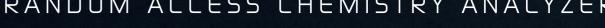
VIDEO: SVGA or compatible, 32K colors Color, resolution min. 1366 x 768 DISPLAY:

MOUSE: Serial, PS2, USB HOST COMMUNICATION: RS232, TCP/IP I. version 2.0 USB: PRINTER External Inkjet or Laser

CD ROM DVD or CD

Rev. 3/13 Windows® and Intel® are registered trademarks Features may change without notice.













The STASSIC is a new floor model Clinical Chemistry that includes a built-in four parameter I.S.E. module.

The analyzer has a throughput of 450 test/hr. for clinical chemistry and a throughput of 240 test/hr. for I.S.E testing, providing up to a combined throughput of 690 test/hr.

The analyzer has three sampling arms, one for samples, and two for reagents. The samples tray allows for 100 position and the refrigerated reagents plate is designed with 40+40 positions. A dedicated container is available for lysing solution and three additional containers are available for auxiliary sample dilution solutions.

The sampling arms are equipped with a new mechanical design for the detection of any obstruction and a new device for quick movement of the needle, allowing for efficient mixing reagents and solutions. The positioning of the arms makes use of new high-precision encoders. All sampling arms come equipped with clot detection sensors which can monitor the operations of each cycle of the machine indicating hydraulic malfunctions.







